

Project Title	Funding	Strategic Plan Objective	Institution
Isolation of autism susceptibility genes	\$591,231	Q3.S.A	deCODE Genetics, ehf.
Finding autism genes by genomic copy number analysis	\$577,035	Q3.S.A	Boston Children's Hospital
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Genomic influences on development and outcomes in Infants at risk of ASD	\$337,779	Q3.S.A	University of Alberta
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	\$0	Q3.S.A	University of Alberta
Genome-wide expression profiling data analysis to study autism genetic models	\$28,000	Q3.S.A	University of California, Los Angeles
Rapid phenotyping for rare variant discovery in autism	\$645,169	Q3.S.A	University of California, Los Angeles
Prenatal and neonatal biologic markers for autism	\$610,723	Q3.S.C	Kaiser Foundation Research Institute
Project 1: Effect of multi-level environmental exposure on birth outcomes	\$30,931	Q3.S.C	University of California, Berkeley
Perinatal exposure to airborne pollutants and associations with autism phenotype	\$0	Q3.S.C	University of Southern California
Vitamin D status and autism spectrum disorder: Is there an association?	\$0	Q3.S.C	University of California, Davis
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,858,222	Q3.S.C	University of California, Davis
The CHARGE Study: CHildhood Autism Risks from Genetics and the Environment	\$965,562	Q3.S.C	University of California, Davis
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$74,662	Q3.S.C	Yale University
Center for Genomic and Phenomic Studies in Autism	\$2,032,846	Q3.S.C	University of Southern California
Center for Genomic and Phenomic Studies in Autism (supplement)	\$141,462	Q3.S.C	University of Southern California
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	\$0	Q3.S.C	University of California, Davis
Autism spectrum disorder and autoimmune disease of mothers	\$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Research project about a potential infectious origin of autism	\$0	Q3.S.E	Institut de Recherche Luc Montagnier
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$327,735	Q3.S.E	University of California, Davis
Etiology of autism risk involving MET gene and the environment	\$0	Q3.S.E	University of California, Davis
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
MeHG stimulates antiapoptotic signaling in stem cells	\$0	Q3.S.F	Kennedy Krieger Institute
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University

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Early exposure to acetaminophen and autism	\$0	Q3.S.F	University of California, Davis
Bioinformatics and Computational Approaches to Integrate Genes and Environment in Autism Research	\$46,991	Q3.S.G	N/A
Structural and functional neural correlates of early postnatal deprivation	\$150,423	Q3.S.H	Wayne State University
Multi-registry analyses for iCARE - Data Management Core	\$72,160	Q3.S.H	Columbia University
Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders	\$105,443	Q3.S.H	Hebrew University
Epidemiologic studies of reproductive and developmental outcomes – Denmark	\$300,054	Q3.S.H	Aarhus University
Multi-registry analyses for iCARE - Denmark	\$37,928	Q3.S.H	Aarhus University
Multi-registry analyses for iCARE - Finland	\$38,335	Q3.S.H	Turku University
Multi-registry analyses for iCARE - Norway	\$37,115	Q3.S.H	Norwegian Institute of Public Health
Multi-registry analyses for iCARE - Israel	\$38,335	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses for iCARE- Sweden	\$37,400	Q3.S.H	Karolinska Institutet
Multi-registry analyses for iCARE- West Australia	\$52,587	Q3.S.H	University of Western Australia
Assisted reproductive treatments and risk of autism	\$0	Q3.S.H	Institute of Psychiatry, King's College London
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	\$0	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Maternal cholesterol and autism	\$178,584	Q3.S.H	Oregon Health & Science University
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,465,570	Q3.S.H	Boston Medical Center
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$143,162	Q3.S.H	Henry M. Jackson Foundation
Defining the underlying biology of gastrointestinal dysfunction in autism	\$384,971	Q3.S.I	University of California, Davis
The role of intestinal microbiome in children with autism	\$25,000	Q3.S.I	Harvard Medical School
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Further studies on the role of desulfovibrio in regressive autism	\$30,000	Q3.S.I	VA Medical Center, Los Angeles
Studies of postmortem brain searching for epigenetic defects causing autism	\$200,000	Q3.S.J	Baylor College of Medicine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$628,392	Q3.S.J	Baylor College of Medicine

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The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	\$1,187	Q3.S.J	Baylor College of Medicine
Genome-wide analyses of DNA methylation in autism	\$200,000	Q3.S.J	Massachusetts General Hospital
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$292,721	Q3.S.J	University of Wisconsin - Madison
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$764,608	Q3.S.J	University of California, Los Angeles
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$87,793	Q3.S.J	Baylor College of Medicine
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$77,501	Q3.S.J	King's College London
Genome-wide examination of DNA methylation in autism	\$0	Q3.S.J	Johns Hopkins University
Cell specific genomic imprinting during cortical development and in mouse models	\$312,559	Q3.S.J	Harvard University
Environment, the perinatal epigenome, and risk for autism and related disorders	\$2,014,788	Q3.S.J	Johns Hopkins University
Molecular analysis of bipolar and schizophrenia candidate genes	\$408,400	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Paternal age and epigenetic mechanisms in psychiatric disease	\$0	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
Genome-wide methylation analyses in autism	\$8,419	Q3.S.J	Cleveland Clinic
Locus-specific imprinting on the mammalian X chromosome	\$327,994	Q3.S.J	University of Connecticut
Locus-specific imprinting on the mammalian X chromosome (supplement)	\$16,875	Q3.S.J	University of Connecticut
Epigenetics, hormones and sex differences in autism incidence	\$85,000	Q3.S.K	University of Virginia
Sex chromosomes, epigenetics, and neurobehavioral disease	\$378,841	Q3.S.K	University of Virginia
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$0	Q3.S.K	Universita Campus Bio-Medico di Roma
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,864,377	Q3.L.A	Drexel University
Integrative genetic analysis of autistic brains	\$400,000	Q3.L.B	Johns Hopkins University School of Medicine

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A genome-wide search for autism genes in the SSC Baylor	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$186,539	Q3.L.B	University of Washington
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$116,150	Q3.L.B	Johns Hopkins University School of Medicine
Simons Simplex Collection Site	\$114,869	Q3.L.B	University of Illinois at Chicago
A genome-wide search for autism genes in the SSC UIC	\$0	Q3.L.B	University of Illinois at Chicago
Genomic hotspots of autism	\$616,368	Q3.L.B	University of Washington
Simons Simplex Collection Site	\$256,849	Q3.L.B	Emory University
A genome-wide search for autism genes in the SSC Emory	\$0	Q3.L.B	Emory University
Hypocholesterolemic autism spectrum disorder	\$92,155	Q3.L.B	National Institutes of Health
Population genetics to improve homozygosity mapping and mapping in admixed groups	\$48,398	Q3.L.B	Harvard Medical School
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
Autism Genome Project (AGP): Genome sequencing and analysis supplement	\$0	Q3.L.B	The Hospital for Sick Children
Investigation of DUF1220 domains in human brain function and disease	\$471,018	Q3.L.B	University of Colorado Denver
Whole Exome Sequencing of Simons Simplex Trios	\$5,656,277	Q3.L.B	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$1,383,893	Q3.L.B	Yale University
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$326,348	Q3.L.B	Yale University
Simons Simplex Collection Site	\$516,490	Q3.L.B	Vanderbilt University
A genome-wide search for autism genes in the SSC Vanderbilt	\$0	Q3.L.B	Vanderbilt University Medical Center
Potential role of non-coding RNAs in autism	\$0	Q3.L.B	Children's Mercy Hospitals And Clinics
Rapid characterization of balanced genomic rearrangements contributing to autism	\$53,459	Q3.L.B	Massachusetts General Hospital
Genetic epidemiology of complex traits	\$880,653	Q3.L.B	National Institutes of Health
Autism Genome Project (AGP) Core Consortium	\$278,113	Q3.L.B	Nationwide Children's Hospital
Mitochondria and the etiology of autism	\$87,500	Q3.L.B	Children's Hospital of Philadelphia
Finding recessive genes for autism spectrum disorders	\$361,824	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection Site	\$124,993	Q3.L.B	Boston Children's Hospital
Recessive genes for autism and mental retardation	\$0	Q3.L.B	Beth Israel Deaconess Medical Center

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A genome-wide search for autism genes in the SSC CHB	\$0	Q3.L.B	Boston Children's Hospital
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$0	Q3.L.B	Emory University
Genetic basis of autism	\$3,332,095	Q3.L.B	Cold Spring Harbor Laboratory
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$398,723	Q3.L.B	University of California, San Diego
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
Whole-exome sequencing to identify causative genes for autism	\$350,000	Q3.L.B	University of California, San Diego
Dissecting expression regulation of an autism GWAS hit	\$15,000	Q3.L.B	University of California, San Francisco
Simons Simplex Collection Site	\$132,257	Q3.L.B	The Research Institute of the McGill University Health Centre
Simons Simplex Collection Site	\$277,643	Q3.L.B	University of California, Los Angeles
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,759,732	Q3.L.B	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UCLA	\$0	Q3.L.B	University of California, Los Angeles
A recurrent genetic cause of autism	\$200,000	Q3.L.B	Massachusetts General Hospital
The role of the neurexin 1 gene in susceptibility to autism	\$0	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
Simons Simplex Collection Site	\$165,584	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection	\$144,848	Q3.L.B	Baylor College of Medicine
RNA expression patterns in autism	\$705,545	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection Site	\$402,144	Q3.L.B	University of Michigan
Simons Foundation Simplex Project Collection Site	\$159,775	Q3.L.B	Weill Cornell Medical College
Relevance of NPAS1/3 balance to autism and schizophrenia	\$0	Q3.L.B	University of Texas Southwestern Medical Center
Simons Simplex Collection Site	\$311,075	Q3.L.B	University of Missouri
Linking autism and congenital cerebellar malformations	\$60,000	Q3.L.B	University of Chicago
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
A genome-wide search for autism genes in the SSC Brown	\$0	Q3.L.B	Brown University
Illumina, Inc.	\$1,471,725	Q3.L.B	Illumina, Inc.
Autism Genome Project (AGP)	\$0	Q3.L.B	Autism Speaks (AS)
Simons Simplex Collection Site	\$130,000	Q3.L.B	Yale University

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Molecular and genetic epidemiology of autism	\$1,125,352	Q3.L.B	University of Miami Miller School of Medicine
Simons Simplex Collection Site	\$260,000	Q3.L.B	Columbia University
Next generation gene discovery in familial autism	\$699,721	Q3.L.B	University of Washington
Autism Genome Project (AGP) Core Consortium	\$50,985	Q3.L.B	University of Pittsburgh
A genome-wide search for autism genes in the SSC Pittsburgh	\$0	Q3.L.B	University of Pittsburgh
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$75,000	Q3.L.B	The Pennsylvania State University
Il-6-mediated Jak2/Stat3 signaling and brain development	\$181,913	Q3.L.C	University of South Florida
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	\$198,000	Q3.L.C	University of Pennsylvania
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$1,307,234	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Gene-environment interactions in an autism birth cohort	\$3,183,066	Q3.L.D	Columbia University Health Sciences
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$900,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$900,000	Q3.L.D	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$900,000	Q3.L.D	Michigan State University
Social determinants of the autism epidemic	\$796,950	Q3.L.D	Columbia University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$900,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
UC Davis Center for Children's Environmental Health (CCEH) (supplement)	\$130,000	Q3.L.D	University of California, Davis
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$900,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,650,000	Q3.L.D	Johns Hopkins University
ACE Center: Imaging autism biomarkers + risk genes	\$263,940	Q3.Other	University of California, San Diego
Genetic epidemiology of autism spectrum disorders	\$178,312	Q3.Other	Yale University

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Next generation approaches to non-human primate bioinformatics	\$13,753	Q3.Other	Harvard Medical School
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,865	Q3.Other	University of Texas Southwestern Medical Center
A history of behavioral genetics	\$19,900	Q3.Other	University of Pittsburgh

